

## Performance

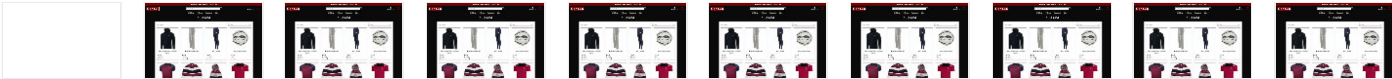
Metrics

First Contentful Paint	Time to Interactive
0.9 s	0.9 s
Speed Index	Total Blocking Time
0.9 s	0 ms
Largest Contentful Paint	Cumulative Layout Shift
0.9 s	0.056

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

[View Original Trace](#)

 [View Treemap](#)



Show audits relevant to: All FCP LCP TBT CLS

**Opportunities** — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Opportunity	Estimated Savings
 Properly size images	1.16 s
Serve images in next-gen formats	0.56 s
Eliminate render-blocking resources	0.45 s
Use HTTP/2	0.15 s

**Diagnostics** — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

▲ Image elements do not have explicit <a href="#">width</a> and <a href="#">height</a>	▼
Avoid an excessive DOM size — <b>1,320 elements</b>	▼
Serve static assets with an efficient cache policy — <b>3 resources found</b>	▼
○ Avoid chaining critical requests — 9 chains found	▼
○ Keep request counts low and transfer sizes small — 53 requests • 2,214 KiB	▼
○ Largest Contentful Paint element — 1 element found	▼
○ Avoid large layout shifts — 5 elements found	▼
<b>Passed audits (28)</b>	▼



## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

**Names and labels** — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

▲ Buttons do not have an accessible name	▼
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**Contrast** — These are opportunities to improve the legibility of your content.

▲ Background and foreground colors do not have a sufficient contrast ratio.	▼
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**Additional items to manually check (10)** — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

**Passed audits (18)**

**Not applicable (24)**



## Best Practices

**Trust and Safety**

- ▲ Links to cross-origin destinations are unsafe ▼
- Ensure CSP is effective against XSS attacks ▼

**General**

- Detected JavaScript libraries ▼
- ▲ Issues were logged in the [Issues](#) panel in Chrome Devtools ▼

**Passed audits (14)** ▼**Not applicable (1)** ▼**SEO**

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](#). [Learn more](#).

**Additional items to manually check (1)** — Run these additional validators on your site to check additional SEO best practices. ▼

**Passed audits (10)** ▼**Not applicable (4)** ▼**Progressive Web App**

These checks validate the aspects of a Progressive Web App. [Learn more](#).

**Installable**

- ▲ Web app manifest or service worker do not meet the installability requirements — 1 reason ▼

## PWA Optimized

▲	Does not register a service worker that controls page and <code>start_url</code>	▼
▲	Does not redirect HTTP traffic to HTTPS	▼
▲	Is not configured for a custom splash screen <b>Failures: No manifest was fetched.</b>	▼
▲	Does not set a theme color for the address bar. <b>Failures: No manifest was fetched, No `<code>&lt;meta name="theme-color"&gt;</code>` tag found.</b>	▼
○	Content is sized correctly for the viewport	▼
	Has a <code>&lt;meta name="viewport"&gt;</code> tag with <code>width</code> or <code>initial-scale</code>	▼
▲	Does not provide a valid <code>apple-touch-icon</code>	▼
▲	Manifest doesn't have a maskable icon <b>No manifest was fetched</b>	▼
Additional items to manually check (3) — These checks are required by the baseline <a href="#">PWA Checklist</a> but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.		▼

## Runtime Settings

URL	https://ci-ms4-frihgaa.herokuapp.com/product/
Fetch Time	Dec 14, 2021, 4:22 PM GMT
Device	Emulated Desktop
Network throttling	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
CPU throttling	1x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.93 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/94.0.4590.2 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	2644
Axe version	4.2.3

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